



# TEMPLES OF RANIPUR-JHARIAL

**D. R. DAS**



CENTRE OF ADVANCED STUDY IN  
ANCIENT INDIAN HISTORY AND CULTURE  
CALCUTTA UNIVERSITY

1990



Published by :

Centre of Advanced Study,  
Dept. of Ancient Indian History & Culture,  
Calcutta University,  
51/2, Hazra Road, Calcutta-700 009.

Printed at :

S. B. Art Printers,  
18C, Rajchandra Sen Lane,  
Calcutta-700 009.

BCU 3481

GeS 3764

PRICE Rs. -145'00

## PREFACE


The present monograph is the outcome of a project on the Catalogue of Temples undertaken by the Centre of Advanced Study in Ancient Indian History & Culture. Being responsible for the execution of this project, the author selected the temples of Ranipur-Jharial for documentation. These temples not only represent all known temple styles of Orissa but also are of immense historical and architectural value. Most of the temples are in a precarious state of preservation and many of them may crumble and fall if not taken care of immediately. The disappearance of these temples will reduce a temple site, unique of its kind, to a bald and bare plateau, create a gap in the evolutionary sequence of Orissan temple architecture and deprive the posterity of a rich heritage. The labour of the author will be amply rewarded if this monograph succeeds in creating an awareness for the conservation and preservation of the monuments and rock cut sculptures at Ranipur-Jharial.

The author owes grateful thanks to his colleagues in the Dept. of Ancient Indian History & Culture for their approval of the publication of this monograph. His thanks would also go to Prof. P. K. Mishra of Sambalpur University, Sri M. P. Mohanty of D. A. V. College (Titagarh), Prof. B. C. Ray of Calcutta University and Yubraj J. P. Singh Deo of Khariar for various kinds of help he received from them. He is thankful to the Archaeological Survey of India for providing and permitting to publish Plate Nos. 1, 2, 7, 54 and 56.

D. R. DAS

Head of the Dept. of  
Ancient Indian History & Culture  
Calcutta University

51/2, Hazra Road,  
Calcutta-700019,  
October, 1990



## CONTENTS

	PREFACE	iii
	INTRODUCTION	1
I	TEMPLES	3
II	<i>IN SITU</i> IMAGES	43
III	DATE	47
IV	CONCLUSION	49
	GLOSSARY	51
	PLATES 1-109	



Fig. 1 - Map of Bairi Camp



## INTRODUCTION

In course of his annual tour in 1853, Sir John Campbell, Agent for the Suppression of Human Sacrifice and Female Infanticide in Orissa, came to a place near Titlagarh to stumble upon a remarkable collection of 'about 120 temples' of which one was hypæthral, one of bricks and one unroofed.<sup>1</sup> The only place, whose location and monamental remains resemble the description of Campbell, is Ranipur-Jharial, the twin villages in the Sindkata Police Station of the Titlagarh Subdivision within the Balangir District in Orissa.<sup>2</sup> After more than two decades of Campbell's visit, the site was again surveyed by Beglar while on tour in the 'South-Eastern Provinces of India.'<sup>3</sup> There he saw, on a large outcrop of flat rock of about 200 ft. at its highest point, 84 temples in various stages of preservation (Pls. 1 & 2). Besides, he also noticed the remains of many other shrines. As he says, "the whole of the existing ruins cover a space of about half a mile long but not even a quarter mile wide, but within this small space they lie in thick cluster."<sup>4</sup> A single temple of bricks was found by him at a short distance from these temples ( see Fig. 1 ).

The large outcrop of rock, on which the stone temples stand, is within the boundary of Jharial. Skirted by a lake along its southern side, the gently sloping outcrop is divided into two parts by a valley running from east to west. The temples on the outcrop have been numbered for easy identification. Beglar found these temples clustered in several groups. These groups can still be recognised if it is borne in mind that his 'south-west' of the outcrop is indeed 'south-east' of the rocky plateau. Beglar's first group, located on the south-eastern end of the outcrop, consisted of 17 temples, the remains of two others and the mowed outline of the foundation of a third. The second group, on the west of the first group and near the southern limit of the outcrop, consisted of five standing and three ruined temples. To the east of the second group, the third group included four temples and the remains of another. Beglar says that the fourth group, located nearby, consisted of 24 temples, standing and in ruins, but he gives a list of 27 temples. About the highest point of the rocky plateau stood the central cluster of temples. To this cluster belonged an open circular temple, three other standing temples, the ruins of another and the remains of some other.

On the northern segment of the outcrop, Beglar found seven standing and ten ruined temples. At a short distance from them stood a brick temple.

As it appears from his tour report, Beglar counted 43 standing or partially standing temples on the southern segment and seven on the northern segment of the outcrop. Of the 43 temples on the southern segment, 17 belonged to the first, 5 to the second, 4 to the third, 13 to the fourth and 4 to the central groups. Comparing the details given by Beglar with whatever is presently available, the extant temples, given identifying numbers, may be ascribed to his five groups in the following way :

Beglar's Group	Identifying No.	Total
First	22—38	17
Second	39—43	5
Third	5—8	4
Fourth	9—20 ( including 15a )	13
Central	1—4	4
	Total—	43



Temple No. 23, of which a little remains, was not included in Beglar's list of standing temples. From its location, the temple appears to represent one of the three ruined shrines, referred to as the fourth, fifth and sixth temples of the fourth group. Temple Nos. 44-53 are obviously Beglar's seven temples on the northern segment of the outcrop. The lofty brick temple, described by Beglar, stands on the plains of Ranipur nearby the rocky plateau of Jharial. Thus the number of extant temples at Jharial becomes 51 and at Ranipur one. This shows that not a single temple, standing at the time of Beglar's visit, has entirely collapsed.

Stone temples of Ranipur-Jharial are dry ashlar constructions. The masonry blocks, kept in position by means of weight and balance, are dressed but not of any regular size. Trabeate method was followed for spanning the walls. To level the uneven rock-bed of the temples, platforms had to be provided in many instances.

Of the 52 temples at Ranipur-Jharial, one is hypocaust, three are *khakhra*, five *dhadra* and the remaining *rekha dedias*. The hypocaust temple (Temple No. 1) and one *khakhra* shrine (Temple No. 3) belong to the central cluster of Beglar's account. His fourth group includes four *dhadra dedias* (Temple Nos. 10, 11, 14 & 16). Probably to his third group belongs the fifth *dhadra dedia* (Temple No. 21).

Excepting two, all temples at Ranipur-Jharial are deserted. Of these two, one (Temple No. 12) contains the *Ugama* of Saiva under the name of Someivara. The second one, the hypocaust Temple No. 1, is a Saiva shrine. Some of the deserted shrines have a circular pit in the centre of the sanctum chamber. It is very likely that the pit is the result of disappearance of the architrave holding the holy *Ugama*. In that case the Saiva affiliation of many of the abandoned shrines may be assumed. An inscription on the rock face in the vicinity of Temple No. 12 refers to the construction of a temple in honour of Kṛṣṇa by Devananda, son of Jagesvara\*. This inscription proves the existence of at least one, if not more, Vaiṣṇava temple at Ranipur-Jharial.

## NOTES

1. See Walter Elliot, 'Notice of A Remarkable Hypocaust Temple in the Hill Tracts of Orissa', *Indian Antiquary*, Vol. VII (1874), pp. 198; also K. S. Bhattacharya, 'The Canaḥḥi Yagini Temple at Ranipur-Jharial', *Journal of the Orissa Research Society*, 1935, pp. 44.

Cambell's reference to the hypocaust temple in the neighbourhood of Sunda, named Beglar / *Archaeological Survey of India Report*, ed. A. Cunningham, Vol. II, Varanasi reprint, 1972, p. 416 and Vol. IX, Varanasi reprint, 1966, p. 74) and others (e.g. S. K. Sarma in *The History and Culture of the Indian People*, Vol. V, ed. R. C. Majumdar, Bombay, 1917, p. 311; R. K. Sharma, *The Temple of the Chausaḥ Yagini Temple at Bhangarh*, Delhi, 1974, p. 71 and J. P. Singh Das, *Unexcavated Circular Yagini Temple of Old Balahundi State, Khariar*, 1963, pp. 10, 1). Cambell, however, clearly states that the locality, where he found the temple, is at some distance from Sunda.

2. An unmetalled road connects Ranipur-Jharial with Monumanda, a village on the Telagaḥ-Kantablonji Road. The two places are served by the S. E. Railway.
3. J. D. Beglar, "Report of Travels in The South-Eastern Provinces in 1874-75 and 1875-76," Cunningham, op. cit., Vol. XIII, Varanasi reprint, 1970, pp. 1205.
4. B. Ch. Chakravarti, 'Ranipur-Jharial Inscriptions', *Epigraphia Indica*, Vol. XXIV, pp. 243f.



# Chapter I

## TEMPLES

As stated before, temples of Ranigumthar are of four types, viz. hypaethral, *kṣhikharā*, *bhadrā* and *rekha*.<sup>1</sup> The solitary example of the first type is circular and open to sky. Temples of the *kṣhikharā* style are rectangular and roofed by four-sided trabeate vaults with S-like profile.<sup>2</sup> Temples of the *bhadrā* style are square and surmounted by a pyramidal roof composed of gradually receding tiers. Temples of the *rekha* order are square and having a towering roof with curvilinear profile. Temples of the last three types, whether rectangular or square, are cruciform on plan.

### A. HYPAETHRAL TEMPLE

#### TEMPLE No. 1 : TEMPLE OF THE 64 YOGINIS<sup>3</sup>

(Pl. Nos. 3-6 and Fig. 2)

The temple stands at a commanding position on the western end of the rocky plateau and overlooks the area around. It is an enclosure-type structure, circular on plan and surrounding an open court.<sup>4</sup> As Campbell measured it, the enclosure is 210 ft. in circumference and 12 ft. high. Its inner diameter is 47 ft. The wall of the enclosure has a stepped base, projecting eaves and a continuous coping. An opening on the east gives entry into the enclosed court. Around the court, the inner side of the enclosure displays a range of sixty-five niches. The fourteenth niche, clockwise from the one on

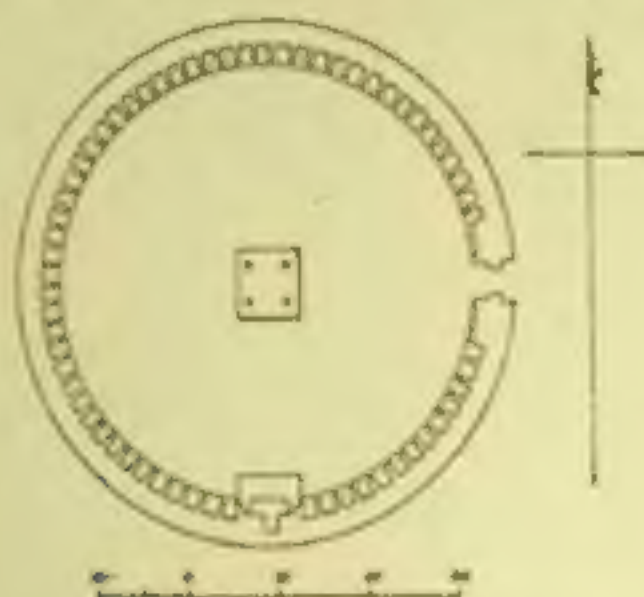


Fig. 2 : Hypaethral 64 Yogini Temple (Temple No. 1)  
Ground Plan (after J. D. Beglar's drawing)

the southern side of the entrance, is the largest while the rest are of the same size.<sup>5</sup> These niches were meant for accommodating images representing various Yogini aspects of the Mother Goddess.<sup>6</sup> When Campbell visited the site, 'sixty figures of goddesses in a variety of attitudes' were found to have been kept in position. At the time of Beglar, twelve niches were empty. However, he noticed images of four female divinities lying in front of four empty niches. Presently forty-nine among the sixty-five niches are containing images of the Yoginis.<sup>7</sup>

In the centre of the court is a square pavilion open on all sides. Its flat roof, with a capping stone and sloping sides, rests on four pillars. Each pillar has three sections, viz. square base, octagonal shaft and bracket capital. A frieze intervenes between the roof and the pillars. The pavilion enshrines an image of dancing Siva (Pl. 6). Facing east, the image is in the same axial line with the entrance door.





The hypaethral plan of the temple with a shrine of Śiva in its centre is a visual manifestation of an esoteric Tantric concept which assumes a sort of monism through the identification of Śiva with Śakti. In this connection, mention may be made of the *Yogakanda* where reference is made to the mystic circle at the centre of which stands Śiva.<sup>4</sup>

## B. KHĀKHARĀ TEMPLES

To the *Khākhara* type belong Temple Nos. 3 and 9. The latter temple, locally known as the *Liyahāri Māndir* and larger of the two, is located at an elevation lower than that of Temple No. 3. Both the temples are deserted. Beglar takes Temple No. 9 to be 'Sāwir' without assigning any reason for this assumption.

### TEMPLE No. 9 : LIYAHĀRI MANDIR

(Pl. Nos. 7 & 8 and Fig. 3)

This is the northernmost of the temples of Beglar's fourth group. Live rock constitutes the lower parts of its rear. It is *prasthā* on plan, built on a gravel floor and facing east. The *śikhra* of the temple is divided into *pāṭṭāḍya*, *jāṅghā* and *harandā*. The *pāṭṭāḍya* is made of a single moulding of the *līḥā* variety. It is decorated at places by *caruṣa*-window motif. The *jāṅghā* is a plain wall. The *harandā* is indicated by three *līḥā*-type mouldings. The *ganḍī* has two *khākhara*s placed one above another. A narrow *līḥā* comes between them. The *ganḍī* is relieved on every side by a *candrakūṭā* which is most emphatic on the facade. Members crowning the *ganḍī* are missing.

#### ROCK



Fig. 1 : Ground Plan of Temple No. 9

In front, the temple has three openings. The central opening, corresponding to the principal entrance, is within a *dhvajaśrī* of which the *śikhra* is marked with the *līḥā*-moulding. The *dhvajaśrī* is flanked by two pillars. Again, between the pillars, at either flank of the central opening, and the *pāṭṭāḍya*, attached to the side wall, is a narrow gap. The pillars have a *śikhra*-shaped base, a shaft with an octagonal

section between the two square parts and a bracket capital. The triple opening is placed within an outer case. The central side jamb of this outer case has a base with three mouldings, viz. *khuri*, *kumbha* and *khuri*. The lintel supported by the jambs, has a boss-like projection.

Inside, the sanctum is a rectangular chamber.\* Along its sides is a row of pilasters at regular intervals. The sanctum has two ceilings of which the lower one, representing the *garbhagruha*, rests on two corbelled courses. The corbels are chamfered.

Relative proportions of some parts of the temple were found to be as follows :

- 1) *garbhagruha* (longer side) 3 : wall thickness 1 ;
- 2) *garbhagruha* (shorter side) 1.65 (approximately) : wall thickness 1 ;
- 3) *rdaj* 1 : *karika* 1 ;
- 4) *pāhāḡa* 1 : *jāḡa* 2 : *barāḡa* 1 ;
- 5) *hāḡa* 1 : *gandī* 1.5.\*

### TEMPLE No. 3

( Pl. 9 and Fig. 4 )

This is one of Beglar's three standing temples to the 'west' (actually to the east) of the hypaethral temple. He describes these three temples as small and 'of the tower-roofed pattern with single square cells.' However, Temple No. 3 has neither a tower-roof nor a square cell. It is rectangular and facing north. Its *hāḡa sakula* on the longer side is 7 ft. and on the shorter side 4'6". The plan of the temple is *triratha*, the *hāḡa* has three divisions and the *gandī* is a two staged *śikhara* structure. Of the three divisions of the *hāḡa*, the *pāhāḡa* is composed of a succession of two *khurds*, the *jāḡa* is bald and the *barāḡa* is indicated by two *khurds*. On the *gandī* no finial is present.

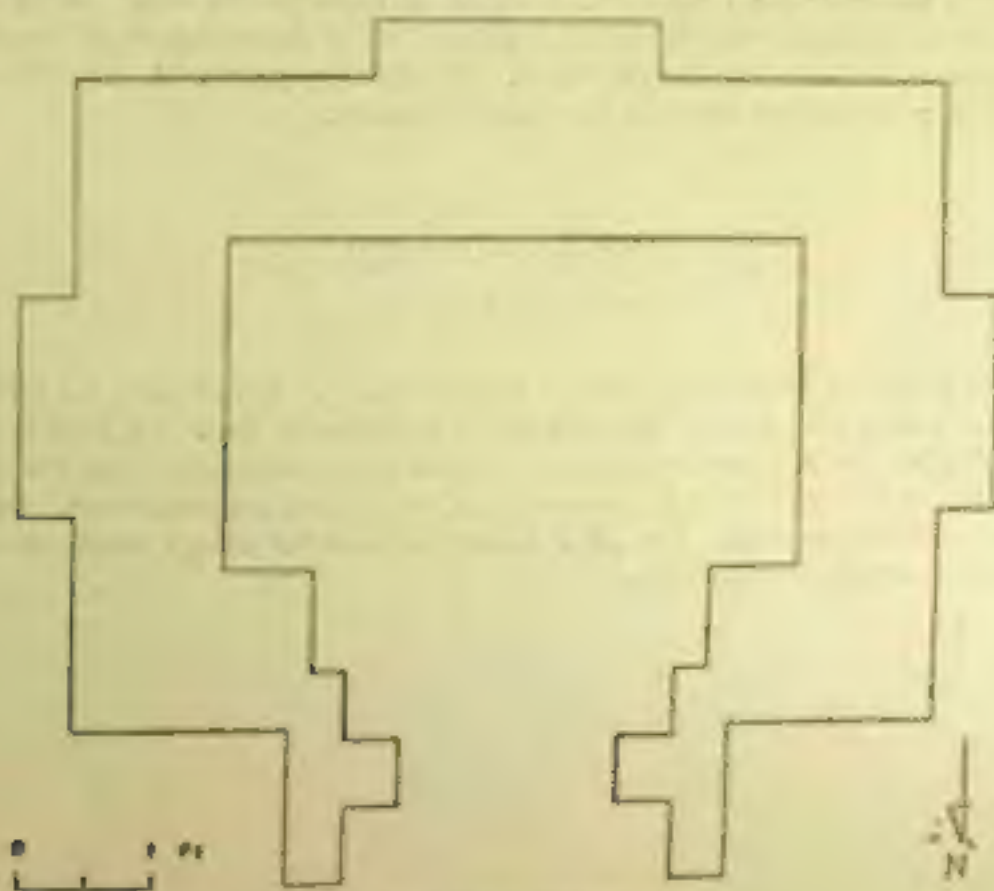


Fig. 4 : Ground Plan of Temple No. 3



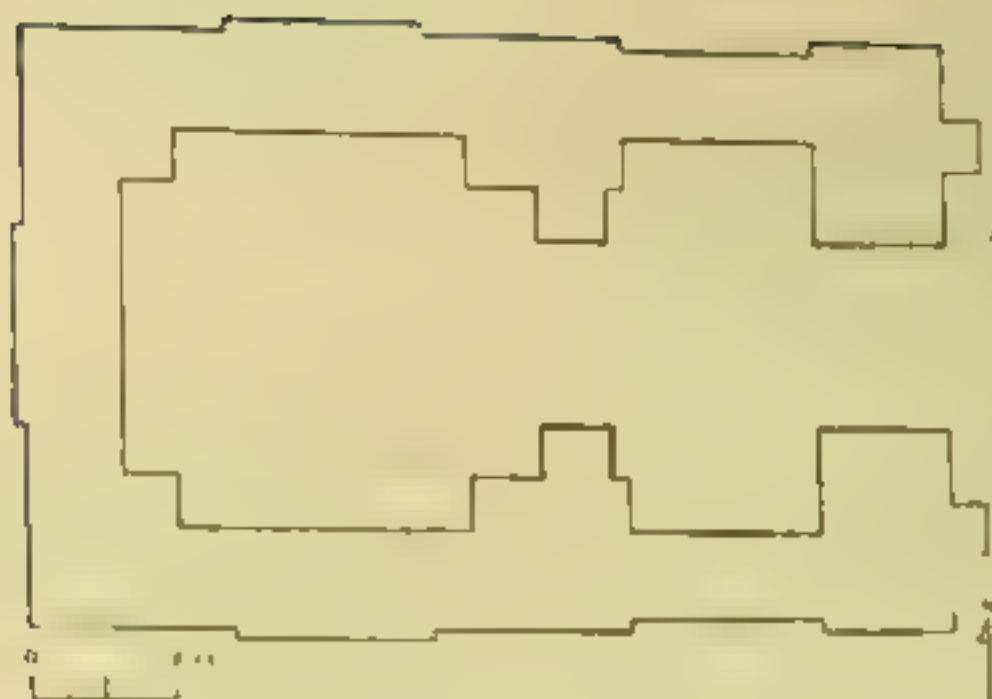


Fig. 3. Ground Plan of Temple No. 1.

On the east the door within an outer doorway, gives access to the small porch which communicates with the sanctum through an opening at the back. The square sanctum chamber has indented sides.

The relative proportions of some parts of the temple are as follows:

- a) *garbhagruha* 3 : wall thickness 1 ;
- b) *rahd* 1 : *kantha* 1 .
- c) *pubhaga* 1 : *jantha* 1 23.



## TEMPLE No. 14

67. 035

This temple was built in a different direction. It is not possible to find and take  
with a goodly part of the people of the temple, but the women have strength and  
I have had to give a goodly part of the temple to the women, which not  
much remains of the temple to the men. The people of the temple of  
Baths were

- a) Add 1 : Group 1,  
b) subtract 1 : Group 2

## TEMPLE No. 14

(Pl. 13)

He was standing on a platform. In the foreground, a man in a suit and tie was standing next to a woman in a dress. They were both looking towards the camera. The man was holding a small object in his hand. The woman was standing with her hands clasped in front of her. In the background, there were other people standing on the platform. The scene was outdoors, and the lighting was bright.

4. The area around the column base is to be exposed to show 1 ft square and covered by a ceiling on wire corbelled course.

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

- a) girthways 3 : wall thickness 1 .
- b) side 1 : length 1 .
- c) girthways 1 : surface 3 (approximately) .

## TEMPLE No. 29

( ۱۲۱ )

Not much more was visible above the ground. Some of the two slabs propped up holding their position on what is left of the wall which is to be seen. The temple had a roof made of plaster. According to the sketch the temple had a few doors and windows and a small porch and a small gate. The sketch of the temple and the gate was as follows:

## 12 AFFAIRS TEMPLATES

Most of the temples of the *re-ha* group are the. On the temple is a brick structure. Generally, these temples are single ended. In one instance, a rudimentary porch is demonstrated in an August 1907 plan of the temple (see Fig. 4). There is only one example (Temple No. 2) where the temple has a double entrance. The brick temple also seems to have only a half of its front. Unlike the temples, the stone temples are raised on raised platforms, possibly as a result of the location adjacent to the water.





# TEMPLE No. 4

( Pl. 4 )

- 1) Low plinth.
- 2) *kūda bahala* 5'-3".
- 3) facing east.
- 4) *prastha*.
- 5) *prastha* - *pābhaga* square, *juga* plan and *baranda* consisting of a *kāra*-shaped moulding and recessed *kūnt*.
- 6) double doorcase - *bhūvika* *amdrā* on the *śalākā*.
- 7) extant elements of the *śālākā* : *beki* and *śālākā*.
- 8) *garbhagrha* square.
- 9) double ceiling - *garbhagrha* decorated with lotus design, resting on two corbelled courses, *gana* present.
- 10) proportions :
  - a) *kūda bahala* 25 height of *kūda* 1.
  - b) *garbhagrha* 3 wall thickness 1.
  - c) *kūntā* 1 *śālākā* 1.
  - d) *pābhaga* 1.5 *juga* 3 *baranda* 1.

# TEMPLE No. 4

( Pls. 15 & 16 )

- 1) Low plinth.
- 2) facing west.
- 3) *kūda bahala* 5'-3".
- 4) *prastha*.
- 5) *prastha* - *pābhaga* square, *juga* plan, *baranda* consisting of a *kāra*-shaped moulding and a *kāra*.
- 6) facade badly damaged.
- 7) extant elements of *śālākā* - *beki* and *śālākā*.
- 8) *garbhagrha* square.
- 9) double ceiling - *garbhagrha* on two corbelled courses.
- 10) proportions of some parts :
  - a) *kūda bahala* 25 height of *kūda* 1.
  - b) *garbhagrha* 3 wall thickness 1.
  - c) *kūntā* 1 *śālākā* 1.
  - d) *pābhaga* 1.5 *juga* 3 *baranda* 1.



# TEMPLE No 5

(Pl. 12)

- 1) On a low plinth.
- 2) *bhūta bhūta* 3'-4" ;
- 3) facing east.
- 4) *teratha*.
- 5) *dharmga bhūta*, *pābhaga* rightangled, *jāyga* plain and *haranga* absent.
- 6) facade damaged.
- 7) extant elements of *mastaka* : *ākṣa*, *dharmga* and *dharmga*.
- 8) *garbhagṛha* square ;
- 9) double (?) ceiling (only one ceiling, made by the capstone of this damaged temple, is preserved) ;
- 10) proportions of some parts :
  - i) *bhūta bhūta* 1:5 : height of *bhūta* 1.
  - ii) *garbhagṛha* 3 : wall thickness 1 ;
  - iii) *kanika* 1 : *śākhā* 1.
  - iv) *pābhaga* 1 : *jāyga* 2.

# TEMPLE No 6

(Pl. 13)

- 1) On a low plinth.
- 2) *bhūta bhūta* 3' 3"
- 3) facing east.
- 4) *teratha*.
- 5) *dharmga bhūta*, *pābhaga* rightangled, *jāyga* plain and *haranga* absent.
- 6) facade damaged.
- 7) *mastaka* missing.
- 8) *garbhagṛha* square.
- 9) double ceiling, *garbhagṛha* resting on wall.
- 10) proportions of some parts :
  - i) *bhūta bhūta* 1:5 : height of *bhūta* 1 ;
  - ii) *garbhagṛha* 3 : wall thickness 1.
  - iii) *kanika* 1 : *śākhā* 1.
  - iv) *pābhaga* 1 : *jāyga* 2 ;

Remarks : In the centre of the floor of the *garbhagṛha*, the usual outline with a square hole in its middle may be due to the missing of the holy *śrī* *gṛha* with its *dharmga* pedestal.





## TABLE No. 2

Part 1

- 1) On a plot.
- 2) Side bhala 5' 2" .
- 3) Facing wall .
- 4) Prastha .
- 5) double bhala prastha on the north side and bhala on the south .
- 6) double bhala prastha on the north side and bhala on the south .
- 7) bhala on the north side and bhala on the south .
- 8) garbhagriha square .
- 9) double bhala prastha on the north side and bhala on the south .
- 10) proportions of some parts :
  - i) Side bhala 1 : height of bhala 1 .
  - ii) garbhagriha 1 : wall thickness 1 .
  - iii) bhala 1 : bhala 2 .
  - iv) prastha 1 : prastha 2 .

## TEMPLE No. 3

( 75' 30' )

- 1) On a plot .
- 2) Side bhala 7' 5" .
- 3) Facing wall .
- 4) Prastha .
- 5) double bhala prastha on the north side and bhala on the south and bhala on the south .
- 6) double bhala prastha on the north side and bhala on the south .
- 7) bhala on the north side and bhala on the south .
- 8) garbhagriha square .
- 9) double bhala prastha on the north side and bhala on the south .
- 10) proportions of some parts :
  - i) Side bhala 1 : height of bhala 1 .
  - ii) garbhagriha 1 : wall thickness 1 .
  - iii) bhala 1 : bhala 2 .
  - iv) prastha 1 : prastha 2 .

















# TEMPLE No 34

( PL 30 )

- 1) On a low plinth :
- 2) *śikhā bahala* 3-4' :
- 3) facing east ,
- 4) *prabhavali* :
- 5) *śikhā-ga bahala* rightangled , *śikhā* plain and *śikhā-ga* consisting of *śikhā* and *śikhā* :
- 6) double doorcase *śikhā-ga* on the N. and S. side : *śikhā* to be constructed in *śikhā-ga* :
- 7) external elements of *śikhā-ga* : *śikhā* and *śikhā* ,
- 8) *prabhavali* square ,
- 9) double ceiling *prabhavali* resting on wall and decorated with *śikhā* design , *śikhā* within *śikhā-ga* :
- 10) proportions of some parts :
  - i) *śikhā bahala* 1 : height of *śikhā* 1 ,
  - ii) *prabhavali* 3 : wall thickness 1 ,
  - iii) *śikhā* 1 : *śikhā-ga* 2 : *śikhā* 2 ,
  - iv) *śikhā-ga* 2 : *śikhā* 4 : *śikhā* 1

# TEMPLE No 25

( PL 31 )

- 1) On a plinth ,
- 2) *śikhā bahala* 4-5' ,
- 3) facing east ,
- 4) *śikhā* ,
- 5) *śikhā-ga bahala* rightangled , *śikhā* plain and *śikhā-ga* consisting of *śikhā* and *śikhā* ,
- 6) facade collapsed ,
- 7) external elements of *śikhā-ga* : *śikhā* and *śikhā* ,
- 8) *prabhavali* square ,
- 9) double ceiling *prabhavali* resting on wall ,
- 10) Proportions of some parts :
  - i) *śikhā bahala* 25 : height of *śikhā* 1
  - ii) *prabhavali* 3 : wall thickness 1
  - iii) *śikhā* 1 : *śikhā* 1
  - iv) *śikhā-ga* 5 : *śikhā* 3 : *śikhā* 1

( PL 32 )







TEMPLE No. 27  
(Pl. 32 & 33 and Fig. 9)

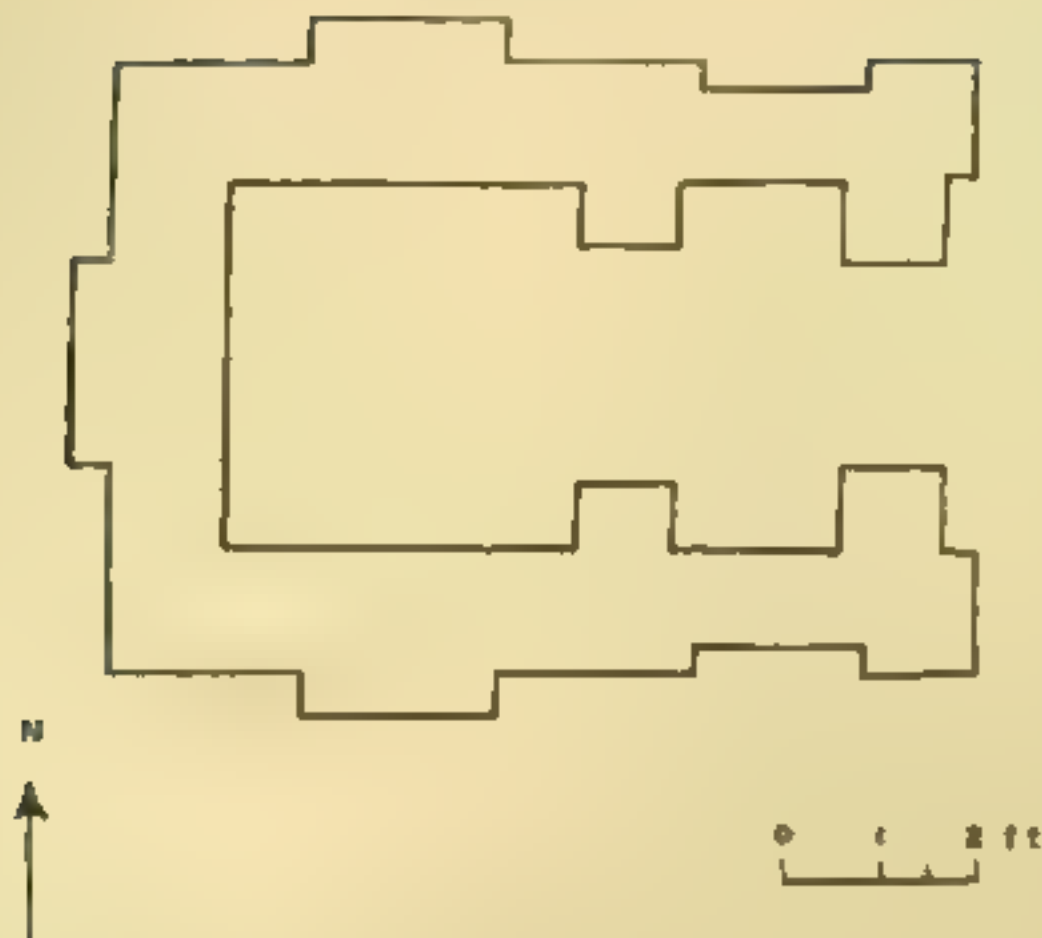


Fig. 9. Ground Plan of Temple No. 27

- 1) On a plinth.
- 2) Base height 6-2".
- 3) Facing east.
- 4) Dravida.
- 5) In original plan, rather irregular, showing a blind entrance to be an *aditha* and *mandapa* consisting of *bhava* and *bhava*.
- 6) double door way, *prabhavali* on one side, and *prabhavali* on the other side, the *prabhavali* on the damaged face of *bhava*.
- 7) extant elements of mandapa: *bhava* and *bhava*.
- 8) *prabhavali* *prabhavali* *prabhavali* integrated with the *prabhavali* of *bhava*.
- 9) double ceiling, *prabhavali* on two corbelled *prabhavali*, going with a *prabhavali*.
- 10) preparations of some parts:
  - a) *bhava* height 1 (approx. *prabhavali* height of *bhava*)
  - b) *prabhavali* wall thickness
  - c) *bhava* *prabhavali*
  - d) *prabhavali* *prabhavali* *prabhavali* *prabhavali*

FILE 1

- [illegible]

## TEMPLE No 24

(Pl. 14)

- 1) On a plain;
- 2) base height 1-2";
- 3) facing east;
- 4) terraces;
- 5) the area has a path leading to a small and jagged peak;
- 6) double d terrace (upper and lower) with a small path leading to the upper terrace;
- 7) mountain rising;
- 8) pythagorean square;
- 9) double celling pythagorean square (upper and lower) with a path leading to the upper terrace;
- 10) pythagorean square;
- 11) base height 1-2" height of the wall;
- 12) pythagorean square (wall thickness) 1";
- 13) a small path leading to the upper terrace;
- 14) pythagorean square (wall thickness) 1";



## TEMPLE No. 43

1435

- 1) On a planch ,
  - 2) hole holes 5 mm.
  - 3) facing east .
  - 4) elevation
  - 5) ... ..
  - 6) facade collapsed
  - 7) relief elements of masonry - hole and complete .
  - 8) perforating square .
  - 9) double ceiling - perforations resting on wall .
- iii) proportions of some parts :
- a) hole holes 1:3 height of hole 1 .
  - b) perforating 3 : wall thickness 1 .
  - iii) door 10 : 1 : hole 1
  - c) pilings 1:3 , piers 2:3 , supports 1 .
- iv) ... .. between the door  
hole and the perforations

## TEMPLE No. 20

152

- [illegible]







# TEMPLE No. 34

( Pl. 40 )

- 1) On a plinth
- 2) *śūla śūla* 4-5'.
- 3) facing west,
- 4) *śrīrātra*,
- 5) *śrī-śaṅga śūla* - *pāṇḍura* rightangled, *śaṅga* plain
- 6) double doorcase - *śaṅgarūpa* on lintel of upper cave - no *śaṅgarūpa* on *śaṅgarūpa*
- 7) extant elements of *śaṅgarūpa* - *śrī* and *śaṅgarūpa*;
- 8) *garbhagrha* square;
- 9) double ceiling - *garbhagrha* on single corbelled course - *śaṅga* above.
- 10) proportions of some parts :
  - i) *śūla śūla* 1 32' height of *śūla* 1.
  - ii) *garbhagrha* 1' wall thickness 1;
  - iii) *śaṅgarūpa* 1' *śūla* 1.
  - iv) *pāṇḍura* 1', *śaṅga* 1'

# TEMPLE No. 35

( Pl. 41 )

- 1) On a plinth
- 2) *śūla śūla* 5-6'
- 3) facing east
- 4) *pāṇḍura*
- 5) *śrī-śaṅga śūla* - *pāṇḍura* rightangled, *śaṅga* showing a *śaṅgarūpa* shrine-like niche on *śūla* and *śaṅgarūpa* consisting of *śūla* and *śaṅga*.
- 6) double doorcase - *śaṅgarūpa* on lintel of upper cave, outline of *śaṅgarūpa* on *śaṅgarūpa*.
- 7) extant elements of *śaṅgarūpa* - *śrī*, *śaṅgarūpa* and *śaṅgarūpa*;
- 8) *garbhagrha* square - porch integrated with the projection of *śūla*.
- 9) double ceiling - *garbhagrha* on single corbelled course - *śaṅga* within *śaṅgarūpa*.
- 10) proportions of some parts :
  - i) *śūla śūla* 1 5' height of *śūla* 1.
  - ii) *garbhagrha* 1' wall thickness 1
  - iii) *śaṅgarūpa* 1' *śūla* 1' *śaṅga* 1'
  - iv) *pāṇḍura* 2' *śaṅga* 4' *śaṅgarūpa* 1'

# TEMPLE No. 36

( Pl. 41 )

- 1) On a plinth ;
- 2) *bāḍa bahala* 4'-6" ;
- 3) facing east ;
- 4) *triratha* ;
- 5) *tri-anga bhāḍa* *pūbhaga* rightangled *jā-gṛha* plain and *baranda* consisting of *kāṇḍa* and *kūṇḍa* ;
- 6) facade damaged ;
- 7) extant elements of *mastaka* *beḷa* and *āmalaka* ;
- 8) *garbhagṛha* square ;
- 9) double ceiling , *garbhāmudra* on single corbelled course ;
- 10) proportions of some parts :
  - i) *bāḍa bahala* 1 : 25 ( approximately ) height of *bāḍa* 1 ;
  - ii) *garbhagṛha* 3 : wall thickness 1 ;
  - iii) *kāṇḍa* 1 : *kūṇḍa* 1 ;
  - iv) *pūbhaga* 1.5 : *jā-gṛha* 3 : *baranda* 1 ;

# TEMPLE No. 37

( Pl. 42 )

- 1) On a low plinth ;
- 2) *bāḍa bahala* 3'-3" ;
- 3) facing west .
- 4) *triratha* ;
- 5) *tri-anga bhāḍa* *pūbhaga* rightangled *jā-gṛha* plain and *baranda* consisting of *kāṇḍa* and *kūṇḍa* ;
- 6) double doorway *śalīṣamudra* on intel of inner case *raṇḍra-śāli* on *śalīṣamudra* ;
- 7) extant elements of *mastaka* *beḷa* and *āmalaka* ;
- 8) *garbhagṛha* square shallow porch integrated with the projection of *nāḍa* ;
- 9) double ceiling , *garbhāmudra* on single corbelled course , *gana* with a *śalīṣamudra* ;
- 10) proportions of some parts :
  - i) *bāḍa bahala* 1 : 25 ( approximately ) height of *bāḍa* 1 ;
  - ii) *garbhagṛha* 3 : wall thickness 1 ;
  - iii) *kāṇḍa* 1 : *kūṇḍa* 1 ;
  - iv) *pūbhaga* 1.5 : *jā-gṛha* 3 : *baranda* 1 ;



# TEMPLE No. 38

( Pl. 44 )

- 1) On a low plinth ;
- 2) Side bahula 6'-1" ;
- 3) facing east .
- 4) garbhagriha
- 5) triangular base garbhagriha with angular pilasters showing a blind triangular shrine on each and baranda consisting of kirtimukha and kirtimukha .
- 6) facade damaged .
- 7) exact elements of main part - but some are not clear
- 8) garbhagriha square with rounded sides - height of main part - measured within the projection of eadha .
9. double ceiling garbhagriha on two corbelled columns
- 10) proportions of some parts :
  - i) Side bahula 1.25 height of Side 1 .
  - ii) garbhagriha 3 : wall thickness 1 .
  - iii) kirtimukha 1 : ornament 1 : eadha 2 .
  - iv) pilasters 2 : height 4 : baranda 1 .

# TEMPLE No. 39

( Pl. 44 )

- 1) On a plinth ;
- 2) Side bahula 5'-6" ;
- 3) facing north .
- 4) garbhagriha
- 5) triangular base garbhagriha with angular pilasters and baranda consisting of kirtimukha and kirtimukha .
- 6) facade collapsed .
- 7) exact elements of main part - but some are not clear
- 8) garbhagriha square with rounded sides .
9. double ceiling garbhagriha on single corbelled column - some within eadha .
- 10) proportions of some parts :
  - i) Side bahula 1 : height of Side 1 .
  - ii) garbhagriha 3 : wall thickness 1 .
  - iii) kirtimukha 1 : ornament 1 : eadha 2 .
  - iv) pilasters 2 : height 4 : baranda 1 .





# TEMPLE No. 42

(Pl. 45)

- 1) On a plinth ;
- 2) *śūla śūla* 4.00 ;
- 3) facing east ;
- 4) *śūlaśūla* ;
- 5) *śūla śūla* 4.00 ;
- 6) *śūla śūla* 4.00 ;
- 7) external elements of *śūlaśūla* *śūla* and *śūlaśūla* ;
- 8) *śūlaśūla* square ;
- 9) *śūla śūla* 4.00 ;
- 10) proportions of some parts :
  - i) *śūla śūla* 1.00 ;
  - ii) *śūla śūla* 1.00 ;
  - iii) *śūla śūla* 1.00 ;
  - iv) *śūla śūla* 1.00 ;

# TEMPLE No. 43

(Pl. 46)

- 1) On a plinth ;
- 2) *śūla śūla* 3.00 ;
- 3) facing north ;
- 4) *śūlaśūla* ;
- 5) *śūla śūla* 3.00 ;
- 6) *śūla śūla* 3.00 ;
- 7) external elements of *śūlaśūla* *śūla* and *śūlaśūla* ;
- 8) *śūlaśūla* square ;
- 9) *śūla śūla* 3.00 ;
- 10) proportions of some parts :
  - i) *śūla śūla* 1.00 ;
  - ii) *śūla śūla* 1.00 ;
  - iii) *śūla śūla* 1.00 ;
  - iv) *śūla śūla* 1.00 ;







# TEMPLE No 46

( P 46 )

1) On a plinth .

2) Side balustrade 6'40" .

3) Facing east .

4) gynecotheca .

5) The gynecotheca is a rectangular room with a flat roof, built on a high base, and is used for the storage of the sacred objects .

6) The gynecotheca is a rectangular room with a flat roof, built on a high base, and is used for the storage of the sacred objects .

7) The gynecotheca is a rectangular room with a flat roof, built on a high base, and is used for the storage of the sacred objects .

8) gynecotheca is a

9) The gynecotheca is a rectangular room with a flat roof, built on a high base, and is used for the storage of the sacred objects .

10) proportions of some parts :

1) Side balustrade 1:10 , height of base 1 .

2) gynecotheca 3:1 wall thickness 1 .

3) Balustrade 1:1 wall 1 .

4) The gynecotheca is a rectangular room with a flat roof, built on a high base, and is used for the storage of the sacred objects .

# TEMPLE No 47

( P 50 )

1) On a paved floor

2) Side balustrade 6-8' .

3) Facing west ;

4) gynecotheca .

5) The gynecotheca is a rectangular room with a flat roof, built on a high base, and is used for the storage of the sacred objects .

6) The gynecotheca is a rectangular room with a flat roof, built on a high base, and is used for the storage of the sacred objects .

7) external elements of the temple - balustrade and gynecotheca

8) The gynecotheca is a rectangular room with a flat roof, built on a high base, and is used for the storage of the sacred objects .

9) The gynecotheca is a rectangular room with a flat roof, built on a high base, and is used for the storage of the sacred objects .

10) proportions of some parts :

1) Side balustrade 1:10 , height of base 1 .

2) gynecotheca 3:1 wall thickness 1 .

3) Balustrade 1:1 wall 1 .

4) The gynecotheca is a rectangular room with a flat roof, built on a high base, and is used for the storage of the sacred objects .

( P 52 )



Fig. 1

On a plate,

hole, diameter 4-5 mm,

forming wall,

4) *trough*,

5) *trough* (the hole is not a hole, but a hole)

6) *trough* (the hole is not a hole, but a hole)

7) *trough* (the hole is not a hole, but a hole)

8) *trough* (the hole is not a hole, but a hole)

9) *trough* (the hole is not a hole, but a hole)

10) *trough* (the hole is not a hole, but a hole)

1) *trough* (the hole is not a hole, but a hole)

2) *trough* (the hole is not a hole, but a hole)

3) *trough* (the hole is not a hole, but a hole)

4) *trough* (the hole is not a hole, but a hole)

FIGURE 1

10

1) *trough*

2) *trough* (the hole is not a hole, but a hole)

3) *trough* (the hole is not a hole, but a hole)

4) *trough*

5) *trough* (the hole is not a hole, but a hole)

6) *trough* (the hole is not a hole, but a hole)

7) *trough* (the hole is not a hole, but a hole)

8) *trough* (the hole is not a hole, but a hole)

9) *trough* (the hole is not a hole, but a hole)

10) *trough* (the hole is not a hole, but a hole)

1) *trough* (the hole is not a hole, but a hole)

2) *trough* (the hole is not a hole, but a hole)

3) *trough* (the hole is not a hole, but a hole)

4) *trough* (the hole is not a hole, but a hole)



If the divisions, the *prabhanga* consists of 1 or boldly executed *monoceros* (or *pada* *khurū* type), *lambha* *pada* and *lambha* (or *lambha* *khurū*). The space between *khurū* and *pada* is occupied by regularly

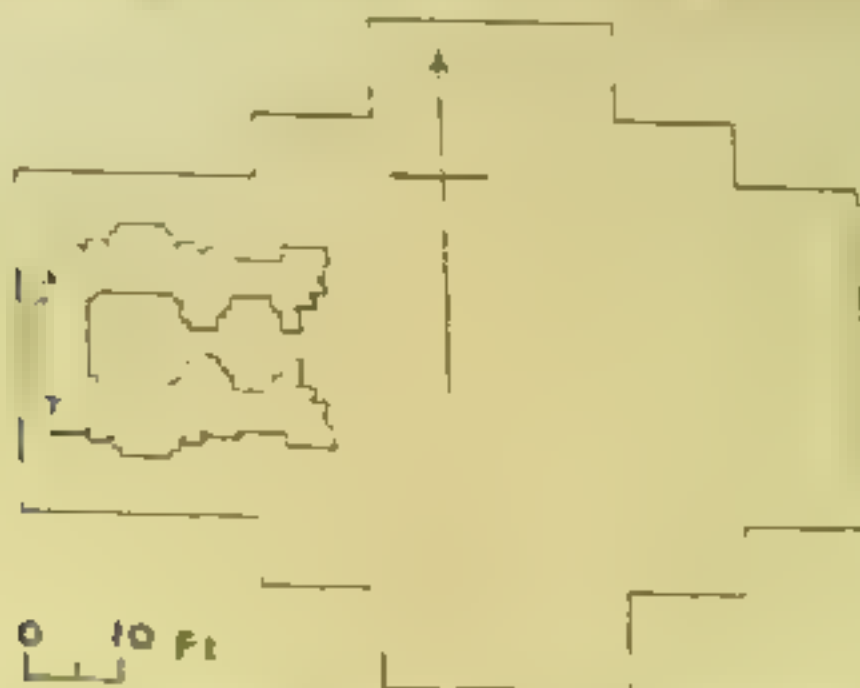


Fig. 10 Ground Plan of the Indralash (after J. D. Beglar's drawing).

spaced *ghatupada*, *monoceros*. In the *prabhanga* section the *khurū* and *pada* are placed in the niches. Each niche was surrounded by a *ghatupada* (the *khurū* and *pada* were placed in the niches).

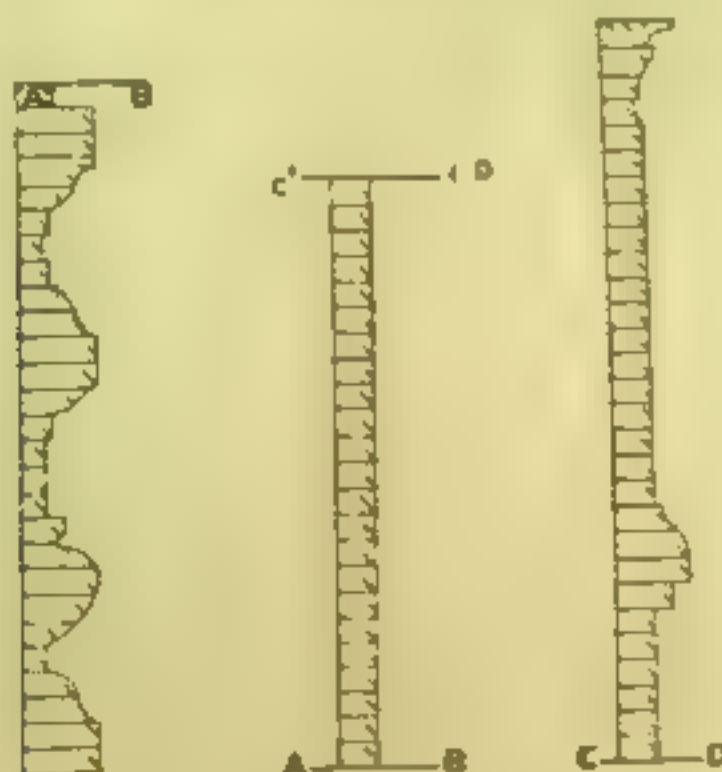


Fig. 11 Section of outer face of the Indralash (after J. D. Beglar's drawing).

Within the frame of the *ghatupada* of the *khurū* and *pada* were placed the *lambha* *khurū* and *lambha* *khurū*. The figures, contained by the niches of the *khurū* and *pada* were placed in the niches.









# NOTES

- 1 For the complete description of the apparatus used in this work see *Rev. Sci. Instrum.* **33**, 1912, p. 79.
- 2 The data shown in Fig. 1 are taken from the work of the author and his co-workers, *Rev. Sci. Instrum.* **33**, 1912, p. 79.
- 3 The data shown in Fig. 2 are taken from the work of the author and his co-workers, *Rev. Sci. Instrum.* **33**, 1912, p. 79.
- 4 The data shown in Fig. 3 are taken from the work of the author and his co-workers, *Rev. Sci. Instrum.* **33**, 1912, p. 79.
- 5 The data shown in Fig. 4 are taken from the work of the author and his co-workers, *Rev. Sci. Instrum.* **33**, 1912, p. 79.
- 6 The data shown in Fig. 5 are taken from the work of the author and his co-workers, *Rev. Sci. Instrum.* **33**, 1912, p. 79.
- 7 The data shown in Fig. 6 are taken from the work of the author and his co-workers, *Rev. Sci. Instrum.* **33**, 1912, p. 79.
- 8 The data shown in Fig. 7 are taken from the work of the author and his co-workers, *Rev. Sci. Instrum.* **33**, 1912, p. 79.
- 9 The data shown in Fig. 8 are taken from the work of the author and his co-workers, *Rev. Sci. Instrum.* **33**, 1912, p. 79.
- 10 The data shown in Fig. 9 are taken from the work of the author and his co-workers, *Rev. Sci. Instrum.* **33**, 1912, p. 79.
- 11 The data shown in Fig. 10 are taken from the work of the author and his co-workers, *Rev. Sci. Instrum.* **33**, 1912, p. 79.







- Niche No. 12 (Pl. 66) The goddess is three headed four handed and dancing  
Attributes : u r x ; u l roary ; l x According to Beglar an hour glass i. e. kettle drum is held by ~~one of~~ the hands.
- Niche No. 13 (Pl. 67) The goddess is three headed four handed and squatting.  
Attributes : u r ; l touching the chin.
- Niche No. 14 : The image is missing.
- Niche No. 15 (Pl. 68) Only the lower part showing the goddess dancing to a corpse is visible. If this is the correct Beglar's Niche No. 14 the goddess is four handed. With one pair of hands she was putting aside her mouth. With the remaining unknown ones she held an hour glass, (i. e. kettle drum), a sword and a cup.
- Niche No. 16: The image is missing.
- Niche No. 17: The image is missing.
- Niche No. 18 (Pl. 69) The goddess is four handed and dancing.  
Attributes : u r x ; l r. x ; u l. x ; l l. x.
- Niche No. 19 (Pl. 70) The goddess is four headed four handed and dancing.  
Attributes : u r battle axe ; l kettle drum ; u l roary ; cup.
- Niche No. 20 (Pl. 71) The goddess is four headed four handed and dancing.  
Attributes : u r. x ; l r. x ; u l. mace ; l l. x.
- Niche No. 21 (Pl. 72) The goddess is horse headed four handed and dancing.  
Attributes : u r. arrow ; l r. sword ; u l bow ; l l. x.
- Niche No. 22 (Pl. 73) The goddess is four headed four handed and dancing.  
Attributes : u r. x ; l r & l l joined together and placed upon a tree trunk.
- Niche No. 23 (Pl. 74) An image of a goat headed eight handed and dancing.  
Attributes : x x x sword, roary ; u thumb on the upturned p l r which is placed on the up and corpse with head downward.
- Niche No. 24 (Pl. 75) The goddess is elephant headed four handed and dancing.  
Attributes : u r. roary ; l r. x ; u l. battle axe ; l l. x.
- Niche No. 25 (Pl. 76) The goddess is bear headed four handed and dancing.  
Attributes : u r mace ; u roary ; r & x placed one above another in the up.
- Niche No. 26 (Pl. 77) The goddess is cow headed four handed and dancing.  
Attributes : u r. mace ; l r. x ; u l. x ; l l. x.
- Niche No. 27 (Pl. 78) The goddess is four handed and dancing.  
Attributes : u. r. mace ; l r. x ; u l. cup ; l l. x.



Niche No. 28 (Pl. 37) The goddess is two handed and dancing.  
Attributes: u. r. sword; l. r. = u. r. = l. r. trident; right knee

Niche No. 29 (Pl. 40) The goddess is four handed and dancing.  
Attributes: u. r. flower; l. r. = u. r. = l. r. round weapon; l. l. =

Niche No. 30 (Pl. 41) The goddess is seven handed, four handed and dancing.  
Attributes: u. r. trident; l. r. = u. r. = l. r. = u. r. = l. r. =

Niche No. 31 (Pl. 42) The goddess is two handed and dancing. Both of her hands are damaged.

Niche No. 32 (Pl. 43) The goddess is two handed and dancing. Both of her hands are damaged.

Niche No. 33 (Pl. 44) The goddess is two handed and dancing. Both of her hands are damaged.

Niche No. 34: The image is missing.

Niche No. 35 (Pl. 45) The goddess is two handed and dancing.  
Attributes: r. trident; l. =

Niche No. 36 (Pl. 46) The goddess is two handed and dancing.  
Attributes: r. =; l. cup.

Niche No. 37 (Pl. 47) The goddess is two handed and dancing.  
Attributes: r. trident; l. cup.

Niche No. 38 (Pl. 48) The goddess is two handed and dancing. Both of her hands are damaged.

Niche No. 39 (Pl. 49) The goddess is two handed and dancing.  
Attributes: r. trident; l. cup.

Niche No. 40 (Pl. 50) The goddess is four handed and dancing.  
Attributes: u. r. trident; l. r. = u. r. = l. r. = u. r. = l. r. =

Niche No. 41 (Pl. 51) The goddess is two handed and dancing.  
Attributes: r. =; l. cup.

Niche No. 42: The image is missing.

Niche No. 43: The image is missing.

Niche No. 44 (Pl. 52) The goddess is two handed and dancing.  
Attributes: r. trident; l. =

Niche No. 45 (Pl. 53) The goddess is two handed and dancing.  
Attributes: r. sword; l. chud.





Niche No. 46 (Pl. 94) The goddess is boar ( \* horse ? ) headed, four handed and dancing  
Attributes : u. r. trident ; l. r. human head ; u. l. u. r. l. l. u.

Niche No. 47 (Pl. 95) The goddess is cow/buffalo-headed, two handed and dancing  
Attributes : r. trident ; l. u.

Niche No. 48 (Pl. 96) The goddess is four handed and dancing  
Attributes : r. & a l. joined over head ; l. r. & l. l. joined over head

Niche No. 49 (Pl. 97) The goddess is antelope-headed, two handed and dancing  
Attributes : r. sword ; l. u.

Niche No. 50 (Pl. 98) The goddess is two handed and dancing  
Attributes : r. spear ; l. u.

Niche No. 51 (Pl. 99) The goddess is two handed and dancing  
Attributes : r. u. ; l. u.

Niche No. 52 : The image is missing.

Niche No. 53 (Pl. 100) The goddess is two handed and dancing  
Attributes : r. touching mouth ; u. u.

Niche No. 54 (Pl. 101) The goddess is two handed and dancing  
Attributes : r. parashu ; l. mace

Niche No. 55 : The image is missing.

Niche No. 56 (Pl. 102) The goddess is four handed and dancing on an unidentified animal mount  
Attributes : u. r. rosary ; l. r. conchshel ; u. l. mace ; l. l. u.

Niche No. 57 (Pl. 103) The goddess is four handed and dancing on the elephant ( ? ) mount  
Attributes : u. r. arrow ; l. r. u. ; u. l. bow ; l. u. noose

Niche No. 58 (Pl. 104) The goddess is two handed and dancing on an unidentified mount  
Attributes : r. u. ; l. noose

Niche No. 59 (Pl. 105) The goddess is two handed and dancing  
Attributes : r. noose ; l. u.

Niche No. 60 : The image is missing.

Niche No. 61 (Pl. 106) The goddess is two handed and dancing on the galat (?) mount  
Attributes : r. mace ; l. cup.

Niche No. 62 (Pl. 107) The goddess is two handed and dancing  
Attributes : r. raised to forehead ; l. mirror.







NAME	STATUS	ADDRESS	DATE	TIME
John Doe	Active	123 Main St	10/26/2023	14:30
Jane Smith	Inactive	456 Oak Ave	10/26/2023	15:00
Bob Johnson	Pending	789 Pine Rd	10/26/2023	15:30
Alice Brown	Active	101 Elm St	10/26/2023	16:00
Charlie Davis	Inactive	202 Maple Dr	10/26/2023	16:30
Eve White	Pending	303 Cedar Ln	10/26/2023	17:00
Frank Green	Active	404 Birch St	10/26/2023	17:30
Grace Hall	Inactive	505 Walnut Ave	10/26/2023	18:00
Henry King	Pending	606 Cherry Rd	10/26/2023	18:30
Ivy Lee	Active	707 Peach St	10/26/2023	19:00
Jack Miller	Inactive	808 Apple Dr	10/26/2023	19:30
Karen Wilson	Pending	909 Orange Ln	10/26/2023	20:00
Leo Young	Active	1010 Grape St	10/26/2023	20:30
Mia Adams	Inactive	1111 Lemon Ave	10/26/2023	21:00
Noah Baker	Pending	1212 Lime Rd	10/26/2023	21:30
Olivia Carter	Active	1313 Coffee St	10/26/2023	22:00
Peter Evans	Inactive	1414 Tea Dr	10/26/2023	22:30
Quinn Foster	Pending	1515 Sugar Ln	10/26/2023	23:00
Rachel Gibson	Active	1616 Honey St	10/26/2023	23:30
Samuel Harris	Inactive	1717 Butter Ave	10/26/2023	00:00
Tina King	Pending	1818 Cream Rd	10/26/2023	00:30
Uma Lee	Active	1919 Milk St	10/26/2023	01:00
Victor Miller	Inactive	2020 Yogurt Dr	10/26/2023	01:30
Wendy Wilson	Pending	2121 Ice Cream Ln	10/26/2023	02:00
Xavier Young	Active	2222 Candy St	10/26/2023	02:30
Yara Adams	Inactive	2323 Chocolate Ave	10/26/2023	03:00
Zoe Baker	Pending	2424 Vanilla Rd	10/26/2023	03:30

The image is damaged.

[illegible]

Indralath : The image is damaged.

HASUMI NA said that the machine was for the use of the Japanese in the country and that he had sold it to the machine factory which was a private firm. He said that the machine was for the use of the Japanese in the country.

[illegible]













## GLOSSARY

**abhaya** : hand posture in which the palm is turned to the front with fingers joined upward.

**amataka** : spheroid member ribbed at the edges.

**amratha** : projected segment on the inner flank of *amula* in a temple having more than 16 *prabhā*.

**arjya** : pedestal of the phallic emblem of Śiva.

**baḍa** : wall.

**baḍa bahala** : length of wall.

**bāḍhāṇa** : moulding or set of mouldings dividing *prabhā* into *śāra* and *uṇḍa* segments.

**baṅgaḍa** : set of mouldings corresponding to the topmost section of *baḍa*.

**baṅgaṇḍa** : uppermost moulding of *prabhā*.

**bekḍi** : cylindrical neck of *amratha*.

**bhadrā drula** : temple with a pyramidal roof.

**bhūṇa** : horizontal stage of *gandī*.

**bhūṇa amataka** : sectional *amataka* used to demarcate one *bhūṇa* from another in the *kāṇḍa* of *gandī*.

**bhūṇa baṅgaṇḍa** : moulding in a *bhūṇa*.

**bhūṇa** : capstone on *gandī*.

**catra-window** : ornamental design resembling the window of a Buddhist *catra-dhā*.

**candra-ula** : large arch-window shaped gate at the base of *śāra* of *gandī*.

**candra-ula** : half-moon shaped step.

**ciramarḍa** : hand posture in which tips of the thumb and forefinger are made to touch each other, so as to form a circle.

**drula** : temple also used here in the sense of *hara drula*, i.e. the structure representing the shrine.

**dravaga** : division of *baḍa* into two segments along the vertical axis.

**gandhāḍa** : junction between *drula* and *maḍhāḍa*.

**gajahasta** : hand pose showing arm thrown across the body like the trunk of an elephant.

**gamā** : corbelled arch above the door intell.



to the ...

the ...

the ...

the ...

the ...

the ...

the ...

the ...

the ...

the ...

the ...

the ...

the ...

the ...

the ...

the ...

the ...

the ...

the ...

the ...

the ...

the ...

the ...

the ...



*padmanga* : fivefold division of *bhaga* along its vertical axis

*padma* : rightangled moulding

*pidha* : tier of the roof of *bhadrasthala*

*pidha* : central projection.

*ratha* : segments produced upon the face of a temple by projecting part of it to a more forward plane, *tri* : temple with the wall divided into three segments, *pancha* : temple with the wall divided into five segments, *upar* : sub-segments of a *ratha*

*sakundala* : an integrated projection from the base of *gandi*

*sukha* and : sitting posture in which one leg, generally the left, rests flat on the seat while the right knee is raised upward from it and the right arm is stretched out on the raised knee

*rajajangha* : s. v. *jangha*

*trianga* : division of *bhaga* into three segments along the vertical axis

*triratha* : s. v. *ratha*

*uparajangha* : s. v. *jangha*

*uparatha* : s. v. *ratha*

*ushvalinga* : erect penis

*utkulakrama* : sitting posture in which legs are crossed with heels kept close to the bottom and knees raised above the seat.

*varada* : hand pose showing the palm turned to the front and extended downwards



Small building on the left



Temple No. 1 - 45 Yajun Temple - 45 Yajun Temple



Temple No. 1 - 45 Yajun Temple - 45 Yajun Temple



Temple No. 1 - 45 Yajun Temple - 45 Yajun Temple



Temple No. 1 - 45 Yajun Temple - 45 Yajun Temple



4. Temple No. 4 (Liyabān Temple) - Prabhavali (D. Begia 1962, p. 176-177)



5. Temple No. 5 (Liyabān Temple) - Prabhavali (D. Begia 1962, p. 176-177)



6. Temple No. 6 (Liyabān Temple) - Prabhavali (D. Begia 1962, p. 176-177)





Temple No. 14 (exterior)



Temple No. 15 (exterior)



Temple No. 14 (interior)



Temple No. 15 (interior)



14

Temple No. 2 (east) in the foreground



15

Temple No. 4



16

From right to left see Temple Nos. 5, 6 & 7 (east)



Temple No. 7



1.  $\mathcal{A} = \{A_1, A_2, \dots, A_n\}$  is a family of sets.



1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

[illegible]

From left to right in the foreground are  
Temples Nos. 13 and 14a (south)



Temple No. 85 (cont.)



Temple No. 85 (cont.)



Temple No. 87 (cont.)



Temple No. 88 (cont.)



Temple No. 21 (East)



Temple No. 22 (East)



Temple No. 23 (East)



Temple No. 24 (East)



30  
Temple No. 26 (east)



31  
Temple No. 27 (east)



32  
Temple No. 28 (east)



33  
Temple No. 29 (east)



34  
Temple No. 28 (east)



35  
Temple No. 29 (east)



36  
Temple No. 29 (east)



37  
Temple No. 30 (south)





19  
Temple No. 1 (south)



20  
Temple No. 2 (south)



40  
Temple No. 3 (south)



21  
Temple No. 4 (south)



47  
Temple No. 37 (south)



48  
Temple No. 38 (east)



49  
Temple No. 39 (south)



50  
From right to left are Temples Nos. 40, 41 and 42 (east)



43  
Temple No. 43 (south)



44  
Temple No. 44 (east)



45  
Temple No. 45 (south)



46  
Temple No. 46 (southeast)



Temple No. 40 (left)



Temple No. 40 (right)



Temple No. 40 (left)



Temple No. 40 (right)



Bhach Temple - Indralok Danda -  
 (Photograph by ...)



Bhach Temple - Indralok Danda -  
 (Photograph by ...)

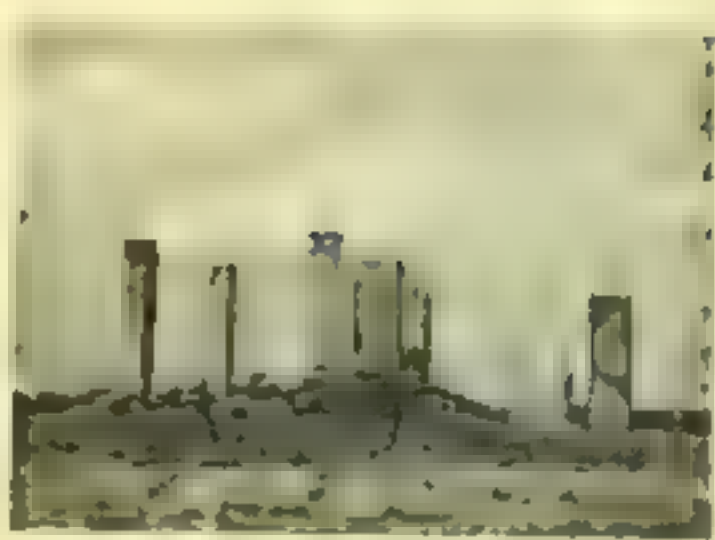


Bhach Temple - Indralok Danda -  
 (Photograph by ...)





11. Temple No. 1, Yagui, Micho No. 1  
 (Detail of the relief)



12. Temple No. 1, Yagui, Micho No. 1  
 (Detail of the relief)



13. Temple No. 1, Yagui, Micho No. 1  
 (Detail of the relief)



14. Temple No. 1, Yagui, Micho No. 1  
 (Detail of the relief)



15. Temple No. 1, Yagui, Micho No. 1  
 (Detail of the relief)





Temple No. 1  
Yogini Niche No. 10



Temple No. 1  
Yogini Niche No. 11



Temple No. 1  
Yogini Niche No. 12



Temple No. 1  
Yogini Niche No. 13



Temple No. 1  
Yogini Niche No. 14



Temple No. 1  
Yogini Niche No. 15



Temple No. 1 Yugu Nishi No. 19



Temple No. 1 Yugu Nishi No. 20



Temple No. 1 Yugu Nishi No. 21



Temple No. 1 Yugu Nishi No. 22



Temple No. 1 Yugu Nishi No. 23



Temple No. 1 Yugu Nishi No. 24





Temple No. 1 Yagiri Niche No. 1



Temple No. 2 Yagiri Niche No. 2



Temple No. 3 Yagiri Niche No. 3



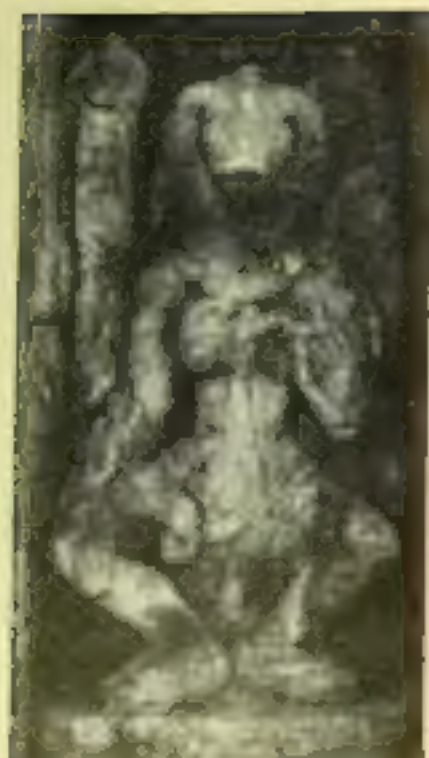
Temple No. 4 Yagiri Niche No. 4



Temple No. 5 Yagiri Niche No. 5



Temple No. 6 Yagiri Niche No. 6



10  
Temple No. 1 : Yogini : Niche No. 10



11  
Temple No. 1 : Yogini : Niche No. 11



12  
Temple No. 1 : Yogini : Niche No. 12



13  
Temple No. 1 : Yogini : Niche No. 13



14  
Temple No. 1 : Yogini : Niche No. 14



15  
Temple No. 1 : Yogini : Niche No. 15





87

Temple No. 1 / Yogi / Niche No. 37



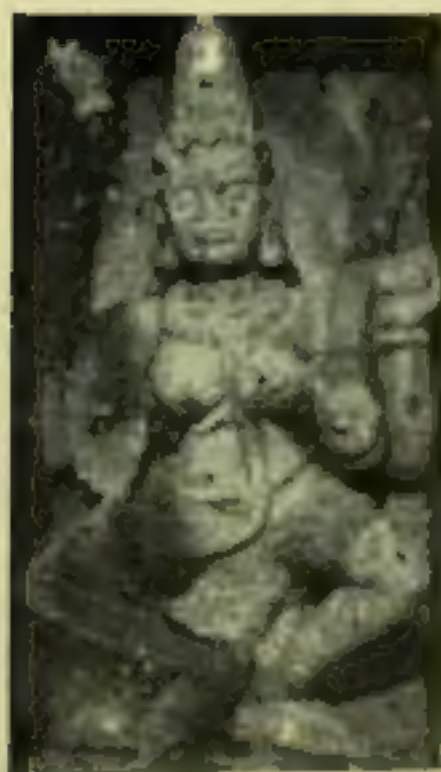
88

Temple No. 1 / Yogi / Niche No. 38



89

Temple No. 1 / Yogi / Niche No. 39



90

Temple No. 1 / Yogi / Niche No. 40



91

Temple No. 1 / Yogi / Niche No. 41



92

Temple No. 1 / Yogi / Niche No. 42



105

Temple No. 1 : Yogini : Niche No. 79



106

Temple No. 1 : Yogini : Niche No. 81



107

Temple No. 1 : Yogini : Niche No. 62



108

Temple No. 1 : Yogini : Niche No. 63



109

Rock cut Carvings



## ERRATA

Page 2, C. n. 2, line 1.

Read—Mundapadar *for*—Monumunda

Page 3, line 15,

Read—fifteenth *for*—fourteenth